In the Claims

1. (Presently Amended) A method for determining computer hardware requirements for a yet-to-be built database management system server using user defined workload requirements, the method comprising the steps of:

obtaining at least one user defined workload requirement;

determining ~~calculating~~ the database management system server hardware requirements for the yet-to-be built database management system server as a function of said user defined workload requirement; and

~~displaying~~ outputting said yet-to-be built database management system server requirements.

2. (Presently Amended) A method according to claim 1, wherein said user defined workload requirement includes a plurality of inputs from a user including a server type, a ~~maximum~~ maximum desired processor utilization, and a transactions per second requirement.

3. (Presently Amended) A method according to claim 1, wherein said outputs include a number of processors requirement, a memory size requirement, and a mass storage requirement for the yet-to-be built database management system server.

4. (Presently Amended) A method according to claim 1, wherein said outputs ~~further~~ comprise properties including an expected effective CPU utilization for the yet-to-be built database management system server based on the user defined workload requirements.

5. (Presently Amended) A method according to claim 1, wherein said outputs ~~further~~ comprise properties including an expected number of users that can be supported by the yet-to-be built database management system server based on the user defined workload requirements.

6. (Presently Amended) A method according to claim 1, wherein said outputs ~~further~~ comprise properties including an expected effective CPU utilization and an expected number of users supported by the yet-to-be built database management system server based on the user defined workload requirements.

7. (Presently Amended) A ~~computerized~~ method ~~for determining computer hardware requirements for a database management system server as recited in~~ according to claim ~~7~~ 1, wherein said user defined workload requirements includes ~~include~~ a baseline system transactions per second, and said ~~properties~~ outputs include a calculated transactions per second value, and a ratio of said calculated transactions per second to said baseline transactions per second, and wherein said ~~calculating~~ determining step ~~calculates~~ determines values for said calculated transactions per second and said transactions per second ratio.

8. (Presently Amended) A method for determining computer hardware requirements for a yet-to-be-built database management system server using a user-defined workload, the method comprising the steps of:

~~obtaining at least one input from a user;~~

obtaining from ~~said~~ a user a plurality of transactions definitions, wherein each of said transactions definitions have a transaction workload contribution and an expected execution rate per second;

calculating a total expected workload as a function of said transactions definitions~~, transaction workload contribution, and transaction execution rate~~; and

~~display~~ outputting said total workload to said human user.

9. (Presently Amended) A method according to claim ~~8~~ 16, further comprising the step of obtaining ~~wherein said inputs include~~ a server type from said user.

10. (Presently Amended) A method according to claim ~~8~~ 16, further comprising the step of obtaining ~~wherein said inputs include~~ a maximum desired processor utilization.

11. (Presently Amended) A method according to claim ~~8~~ 16, further comprising the step of obtaining ~~wherein said inputs include~~ a maximum desired network interface card utilization.

12. (Presently Amended) A method according to claim ~~8~~ 16, further comprising the step of obtaining ~~wherein said inputs include~~ a server type, a LAN speed, a maximum desired processor utilization, and a maximum desired network interface card utilization.

13. (Presently Amended) A method according to claim ~~12~~ 16, wherein ~~each~~ at least some of said transactions definitions include at least one SQL statement wherein each of said transaction workloads ~~are~~ is calculated by calculating a workload contribution of each of said SQL statements ~~and wherein a percent contribution of total workload is specified~~.

14. (Presently Amended) A method according to claim 13, wherein said SQL statements include insert, delete, update, and/or select SQL statement types.

15. (Unchanged) A method according to claim 14, wherein

said insert SQL types have parameters including a number of identical insert statements, and wherein said insert statement SQL workload contribution is a function of said statement parameters,

said delete SQL types have parameters including a number identical delete statements, and wherein said delete statement SQL workload contribution is a function of said statement parameters,

said update SQL types have parameters including a number of records to be operated on by said update statement, and wherein said update statement SQL workload contribution is a function of said statement parameters, and

said select SQL types have parameters including selectivity criteria, and wherein said select statement SQL workload contribution is a function of said statement parameters.

16. (Newly Presented) A method for determining computer hardware requirements for a yet-to-be-built database management system server using a user-defined workload, the

method comprising the steps of:

obtaining from a user a plurality of transactions definitions, wherein each of said transactions definitions have a transaction workload contribution and an expected execution rate per second;

determining a total expected workload as a function of said transactions definitions; and

determining the database management system server hardware requirements for the yet-to-be built database management system server as a function of said total expected workload.

17. (Newly Presented) A method according to claim 16 wherein the database management system server hardware requirements includes a processor type for the yet-to-be built database management system server.

18. (Newly Presented) A method according to claim 16 wherein the database management system server hardware requirements includes number of processors for the yet-to-be built database management system server.

19. (Newly Presented) A method according to claim 16 wherein the database management system server hardware requirements includes I/O requirements for the yet-to-be built database management system server.

20. (Newly Presented) A method according to claim 16 wherein the database management system server hardware requirements includes memory requirements for the yet-to-

be built database management system server.

21. (Newly Presented) Computer executable code stored on machine readable media for determining computer hardware requirements for a yet-to-be-built database management system server using a user-defined workload, the computer executable code performing the steps of:

obtaining from a user a plurality of transactions definitions, wherein each of said transactions definitions have a transaction workload contribution and an expected execution rate per second;

determining a total expected workload as a function of said transactions definitions; and

determining the database management system server hardware requirements for the yet-to-be built database management system server as a function of said total expected workload.